

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
Date Submitted: October 27, 2008 (use as many sheets as necessary)				Application Number	10/822,437
				Filing Date	04/12/2004
				First Named Inventor	Alan Y. Chow
				Art Unit	3772
				Examiner Name	Brown, Michael A.
Sheet	1	of	4	Attorney Docket Number	072521-0125

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1.	US-2003/0139784 A1		07-24-2003	Morimoto et al.	
A2.	US-2002/0095193 A1		07-18-2002	Ok et al.	
A3.	US-2002/0038134 A1		03-28-2002	Greenberg et al.	
A4.	US-7,003,355 B1		02-21-2006	Suaning et al.	
A5.	US-6,718,209 B2		04-06-2004	Williamson et al.	
A6.	US-6,647,297 B2		11-11-2003	Scribner	
A7.	US-6,549,808 B1		04-15-2003	Gisel et al.	
A8.	US-6,511,508 B1		01-28-2003	Shahinpoor et al.	
A9.	US-6,458,157 B1		10-01-2002	Suaning	
A10.	US-6,427,087 B1		07-30-2002	Chow et al.	
A11.	US-6,423,001 B1		07-23-2002	Abreu	
A12.	US-6,282,449 B1		08-28-2001	Kamerling et al.	
A13.	US-6,275,735 B1		08-14-2001	Jarding et al.	
A14.	US-6,264,971 B1		07-24-2001	Darougar et al.	
A15.	US-6,154,671		11-28-2000	Parel et al.	
A16.	US-6,101,411		08-08-2000	Newsome	
A17.	US-6,083,251		07-04-2000	Shindo	
A18.	US-6,007,477		12-28-1999	Demenezes	
A19.	US-6,006,756		12-28-1999	Shadduck	
A20.	US-5,944,747		08-31-1999	Greenberg et al.	
A21.	US-5,843,147		12-01-1998	Testerman et al.	
A22.	US-5,782,894		07-21-1998	Israel	
A23.	US-5,674,263		10-07-1997	Yamamoto et al.	
A24.	US-5,578,040		11-26-1996	Smith	
A25.	US-5,522,864		06-04-1996	Wallace et al.	
A26.	US-5,496,355		03-05-1996	Lipsky	
A27.	US-5,360,438		11-01-1994	Fisher	
A28.	US-5,174,304		12-29-1992	Latina et al.	
A29.	US-5,154,174		10-13-1992	Hawlina	
A30.	US-5,147,284		09-15-1992	Fedorov et al.	
A31.	US-5,109,846		05-05-1992	Thomas	
A32.	US-5,099,829		03-31-1992	Wu	
A33.	US-5,025,811		06-25-1991	Dobrogowski et al.	
A34.	US-4,989,605		02-05-1991	Rossen	
A35.	US-4,979,508		12-25-1990	Beck	
A36.	US-4,955,378		09-11-1990	Grasso	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/822,437
Date Submitted: October 27, 2008 (use as many sheets as necessary)				Filing Date	04/12/2004
				First Named Inventor	Alan Y. Chow
				Art Unit	3772
				Examiner Name	Brown, Michael A.
Sheet	2	of	4	Attorney Docket Number	072521-0125

U.S. PATENT DOCUMENTS					
		Document Number			
A37.	US-4,874,237	10-17-1989	Cringle		
A38.	US-4,667,676	05-26-1987	Guinta		
A39.	US-4,664,117	05-12-1987	Beck		
A40.	US-4,614,193	09-30-1986	Liss et al.		
A41.	US-4,603,697	08-05-1986	Kamerling		
A42.	US-4,525,776	06-25-1985	Eldumiati et al.		
A43.	US-4,484,922	11-27-1984	Rosenwald		
A44.	US-4,326,529	04-27-1982	Doss et al.		
A45.	US-4,271,841	06-09-1981	Friedman		
A46.	US-4,089,329	05-16-1978	Couvillon, Jr. et al.		
A47.	US-4,018,218	04-19-1977	Carlson et al.		
A48.	US-3,995,659	12-07-1976	Cantore		
A49.	US-3,995,635	12-07-1976	Higuchi et al.		
A50.	US-3,893,444	07-08-1975	Fatt		
A51.	US-3,769,961	11-06-1973	Fatt et al.		
A52.	US-3,699,970	10-24-1972	Brindley et al.		
A53.	US-3,320,947	05-23-1967	M. H. Knoll		
A54.	US-2,721,316	10-18-1955	J. D. Shaw		
A55.	US-2,525,381	10-10-1950	P. Tower		
A56.	US-1,684,860	09-18-1928	Catlin		
A57.	US-793,004	06-20-1905	F. H. May		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
A58.	WO 03/002190 A3		01-09-2003	Chow et al.	
A59.	RU 2 189 800 C2		09-27-2002	Gerasimenko et al.	
A60.	RU 2 177 766 C2		01-10-2002	Linnik et al.	
A61.	RU 2 161 019 C1		12-27-2000	Safina	
A62.	EP 1 061 996 B1		12-27-2000	Greenberg et al.	
A63.	EP 1 061 874 B1		12-27-2000	Humayun et al.	
A64.	RU 2 146 909 C1		03-27-2000	Gogiaashvili	
A65.	JP 2000-24122 A		01-25-2000	Uchiike	
A66.	RU 2 128 485 C1		04-10-1999	Gimranov et al.	
A67.	RU 2 102 046 C1		01-20-1998	Chibisova et al.	
A68.	RU 2 098 056 C1		12-10-1997	Katsnelson et al.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
Date Submitted: October 27, 2008 (use as many sheets as necessary)				Application Number	10/822,437
				Filing Date	04/12/2004
				First Named Inventor	Alan Y. Chow
				Art Unit	3772
				Examiner Name	Brown, Michael A.
Sheet	3	of	4	Attorney Docket Number	072521-0125

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A69.	RU 2 098 009 C1	12-10-1997	Linnik et al.	
	A70.	RU 2 093 118 C1	10-20-1997	Panin et al.	
	A71.	JP 9-266954 A	10-14-1997	Inomata et al.	
	A72.	RU 2 090 167 C1	09-20-1997	Fedorov et al.	
	A73.	RU 2 089 144 C1	09-10-1997	Linnik et al.	
	A74.	RU 2 086 216 C1	08-10-1997	Zaguskin et al.	
	A75.	RU 2 077 291 C1	04-20-1997	Shandurina	
	A76.	RU 2 074 684 C1	03-10-1997	Shlygin et al.	
	A77.	RU 2 074 681 C1	03-10-1997	Margus et al.	
	A78.	RU 2 072 815 C1	02-10-1997	Zhuchenko et al.	
	A79.	SU 1826174 A1	11-10-1996	Fedorov et al.	
	A80.	RU 2 063 199 C1	07-10-1996	Guskov et al.	
	A81.	RU 2 062 128 C1	06-20-1996	Machekhin et al.	
	A82.	RU 2 062 080 C1	06-20-1996	Chentsova et al.	
	A83.	JP 8-154897 A	06-18-1996	Motokawa	
	A84.	RU 2 054 909 C1	02-27-1996	Fedorov et al.	
	A85.	RU 2 025 114 C1	12-30-1994	Fedorov et al.	
	A86.	SU 1837858 A3	08-30-1993	Zhuchenko	
	A87.	SU 1833730 A1	08-15-1993	Soldatova et al.	
	A88.	SU 1827222 A1	07-15-1993	Shamshinova et al.	
	A89.	SU 1801021 A3	03-07-1993	Alferov et al.	
	A90.	SU 1766401 A1	10-07-1992	Okovitov et al.	
	A91.	SU 1757666 A1	08-30-1992	Soldatova et al.	
	A92.	EP 0 325 201 A2	07-26-1989	Frick	
	A93.	SU 1409264 A1	07-15-1988	Blagodatnyj et al.	
	A94.	SU 1395316 A2	05-15-1988	Sidorenko et al.	
	A95.	SU 1386208 A1	04-07-1988	Nuritdinov	
	A96.	SU 1139446 A	02-15-1985	Starostin	
	A97.	SU 1044283 A	09-30-1983	Shandurina et al.	
	A98.	SU 939020	06-30-1982	Rudoj et al.	
	A99.	SU 839529	06-23-1981	Kulyakin et al.	
	A100.	WO 81/01511	06-11-1981	Stover	
	A101.	SU 554863	04-25-1977	Avtorshch	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/822,437
Date Submitted: October 27, 2008 (use as many sheets as necessary)				Filing Date	04/12/2004
				First Named Inventor	Alan Y. Chow
				Art Unit	3772
				Examiner Name	Brown, Michael A.
Sheet	4	of	4	Attorney Docket Number	072521-0125

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	A102.	BOSCO ET AL., "BDNF and NT-4 Differentially Modulate Neurite Outgrowth in Developing Retinal Ganglion Cells", <i>J Neurosci Res.</i> , 1999, Vol. 57, pages 759-769.		
	A103.	CHOW ET AL., "Safety and feasibility of subretinal artificial silicon retina™ retinal prosthesis for the treatment of patients with retinitis pigmentosa", ARVO Abstract Issue of Annual Meeting, Fort Lauderdale, Florida, April 29-May 4, 2001, Abstract 5042-11:11, Published March 15, 2001, 2 pages.		
	A104.	Copy of PCT International Preliminary Examination Report related to International Application No. PCT/US/02/20557, date of completion of this report 04-03-2004 (4 pgs.).		
	A105.	Copy of International Search Report related to PCT/US02/20808 dated March 21, 2003, 1 page.		
	A106.	FRASSON ET AL., "Glial Cell Line-Derived Neurotrophic Factor Induces Histologic and Functional Protection of Rod Photoreceptors in the rd/rd Mouse", <i>Invest. Ophthalmol. Visual Sci.</i> , 1999, Vol. 40, No. 11, pages 2724-2734.		
	A107.	FUJIKADO, TAKASHI, "Suprachoroidal-Transretinal Stimulation Effectively Elicits Localized Evoked Potential in RCS Rats", The first DOE International Symposium on Artificial Sight, Speaker Abstracts, May 2, 2003, page 17.		
	A108.	KANDA, H., "Suprachoroidal-Transretinal Stimulation (STS) Can Elicit Localized Evoked Responses From the Superior Colliculus in Normal and RCS Rats", ARVO Presentation Abstract, 2003, 1 page.		
	A109.	MIYOSHI ET AL., "Inhibition of Neuronal Death of Retinal Ganglion Cell by Nerve Activation Using Electrical Stimulation", Vision Forum, 5th Annual Meeting, The Kitakyushu Science and Research Park Open Commemorative Project Assent: "Symposium of Visual Neuroscience and IT.", 4 pages.		
	A110.	MORIMOTO ET AL., "Electrical stimulation enhances the survival of axotomized retinal ganglion cells in vivo", NEUROREPORT, February 11, 2002, Vol. 13, No. 2, pages 227-230.		
	A111.	NAKAUCHI, K., "Transretinal Electrical Stimulation by Intrascleral Multichannel Electrode in Rabbit Eyes Reviewing Code: 237 retinal prostheses - RE", ARVO Presentation Abstract, 2003, 1 page.		
	A112.	YOKOYAMA ET AL., "Protection and retinal ganglion cells from ischemia-reperfusion injury by electrically applied Hsp27", <i>Investigative Ophthalmology & Visual Science</i> , December 2001, Vol. 42, No. 13, pages 3283-3286.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.